

Serial Number: 10/029,161

Docket Number: 10019035-1

IN THE CLAIMS:

1. (Currently Amended) A network tunneling method, comprising:
providing a client linked to an internal a network;
simulating an operation of a modem in the client to establish data communications between the client and with respect to a portable device; and
tunneling access to a plurality of devices on an external network a
~~network access by for~~ the portable device through ~~from the client and to~~ a network
portal on the external network; and
preventing access by the portable device to a plurality of devices on
the internal network while tunneling the access to the plurality of devices on the
external network.

2. (Currently Amended) The network tunneling method of claim 1,
wherein the step of tunneling the access to the plurality of devices on the external
network ~~the network access by the portable device from the client to the network~~
portal further comprises tunneling the network access beyond a protected side of a
firewall where the client is located on the protected side of the firewall.

3. (Currently Amended) The network tunneling method of claim 1,
wherein the step of tunneling the access to the plurality of devices on the external
network ~~the network access by the portable device from the client to the network~~
portal further comprises obtaining a network address of the network portal.

4.. (Original) The network tunneling method of claim 3, wherein the step
of obtaining the network portal address of the network portal associated with the
portable device further comprises:

obtaining a telephone number from the portable device that is
employed to access the network portal through a telecommunications network; and
querying a uniform resource locator (URL) mapper for the network
portal address that is associated with the telephone number.

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5. (Original) The network tunneling method of claim 1, further comprising establishing a channel between the client and the network portal.

6. (Original) The network tunneling method of claim 5, further comprising accessing a mobile application maintained at the network portal.

7. (Original) The network tunneling method of claim 5, further comprising accessing a network page from a server coupled to the network through the network portal.

8. (Currently Amended) A program embodied in a computer readable medium that provides network access tunneling, comprising:

code that simulates an operation of a modem in a client on an internal network to establish data communications between the client and with respect to a portable device; and

code that tunnels access to a plurality of devices on an external network ~~a network access by~~ for the portable device through from the client and to a network portal on the external network, and through a firewall between the client and the network portal, thereby preventing access by the portable device to a plurality of devices on the internal network while tunneling the access to the plurality of devices on the external network.

9. (Currently Amended) The program embodied in a computer readable medium of claim 8, wherein the code that tunnels access to the plurality of devices on the external network ~~the network access by the portable device from the client to the network portal through the firewall between the client and the network portal~~ further comprises code that obtains a network address of the network portal.

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10. (Original) The program embodied in a computer readable medium of claim 9, wherein the code that obtains the network address of the network portal further comprises:

code that obtains a telephone number from the portable device that is employed to access the network portal through a telecommunications network; and

code that queries a uniform resource locator (URL) mapper for the network portal address that is associated with the telephone number.

11. (Currently Amended) The program embodied in a computer readable medium of claim 8, wherein the code that tunnels access to the plurality of devices on the external network ~~the network access by the portable device from the client to the network portal through the firewall between the client and the network portal~~ further comprises code that establishes a channel between the client and the network portal.

12. (Currently Amended) A network tunneling system, comprising:
means for simulating an operation of a modem in a client on an internal network to establish data communications between the client and ~~with respect to a~~ portable device; and

means for tunneling access to a plurality of devices on an external network ~~a network access by~~ for the portable device through ~~from the client and to a network portal on the external network, and~~ through a firewall between the client and the network portal, thereby preventing access by the portable device to a plurality of devices on the internal network while tunneling the access to the plurality of devices on the external network.

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13. (Currently Amended) The network tunneling method of claim 12, wherein the means for tunneling access to the plurality of devices on the external network ~~the network access by the portable device from the client to the network portal through the firewall between the client and the network portal~~ further comprises means for obtaining a network address of the network portal.

14. (Original) The network tunneling method of claim 13, wherein the means for obtaining the network address of the network portal further comprises:
means for obtaining a telephone number from the portable device that is employed to access the network portal through a telecommunications network;
and
means for querying a uniform resource locator (URL) mapper for the network portal address that is associated with the telephone number.

15. (Currently Amended) A network tunneling system, comprising:
a client with a processor circuit having a processor and a memory;
a local data communications portal; and
network tunneling logic stored on the memory and executable by the processor, the network tunneling logic comprising:
logic that simulates an operation of a modem in the client with respect to a portable device to establish a data communications link with the portable device through the local data communications portal; and
logic that tunnels access to a plurality of devices on an external network ~~a network access for~~ by the portable device ~~through~~ from the client and to a network portal on the external network, and through a firewall between the client and the network portal, thereby preventing access by the portable device to a plurality of devices on the internal network while tunneling the access to the plurality of devices on the external network.

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16. (Currently Amended) The network tunneling system of claim 15, wherein the logic that tunnels access to the plurality of devices on the external network ~~the network access by the portable device from the client to the network portal through the firewall between the client and the network portal~~ further comprises logic that obtains a network address of the network portal.

17. (Original) The network tunneling system of claim 16, wherein the logic that obtains the network address of the network portal further comprises:

logic that obtains a telephone number from the portable device that is employed to access the network portal through a telecommunications network; and

logic that queries a uniform resource locator (URL) mapper for the network portal address that is associated with the telephone number.

18. (Currently Amended) The network tunneling system of claim 15, wherein the logic that tunnels access to the plurality of devices on the external network ~~the network access by the portable device from the client to the network portal through the firewall between the client and the network portal~~ further comprises logic that establishes a channel between the client and the network portal.